

Single Screw Tensile Testing Machine

to determine properties of tensile and elongation as per ASTM D - 638 / ASTM D 882 of plastics Eco version.

Specification:

Load capacity: up to 500 kg*.

No. of load cell: One.

Cross Travel: Up to 1000mm*.

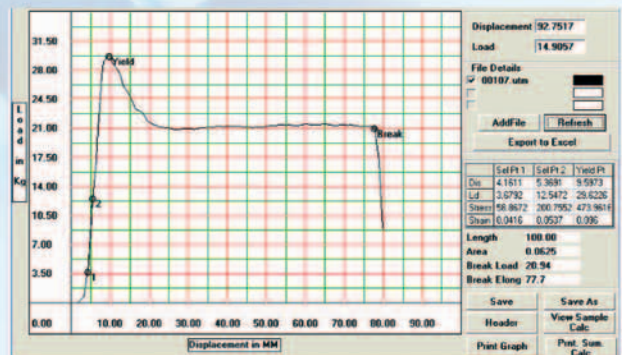
Speed: Variable between 10mm/minute to 500mm/minute.

Paint: Powder coated.

Power: 230 Volts, 50Hz, single phase.

Direct display through microcontroller:

Peak load, Area and Tensile strength at peak load.



Graphic display and printout through PC: Peak load, Break load, Elongation at peak load, Elongation at break load, Tensile strength at peak load, Tensile strength at break load, % Elongation at peak load, % Elongation at break load, Young's modulus, Yield load, Yield stress and Load Vs Elongation graph could be obtained by attaching a printer to the PC. Similarly average value and standard deviation could be obtained by merging different tests.

*Equipment with other capacities could also be supplied as per the requirement.

